# INDEX.

Adie, Mr, his meteorological table, 403.
Agassiz, M., on the erratic blocks of the Jura, 176—upon glaciers, moraines, and erratic blocks, 364.
Algæ, on the, which communicated a red colour to the waters of some salt marshes, 182.
Allan, Mr, his meteorological table, 405.
Arts, useful, proceedings of the Society for the Encouragement of the, for Scotland, 210.
Aurora borealis, remarks on the, 222.

Bacillariæ, Ehrenberg's discovery of stomachs in the, 282.
Baer, K. E. Von, on two examples of transported blocks on the south coast of Finland, 439.
Basalt and lava, analysis of, 22.
Beaches, notice of raised, at Coquimbo, 440.
Bell, Thomas, Esq., notice of his work on British Quadrupeds, including the Cetacea, 233.
Bischof, Professor G., on the cause of the temperature of hot and thermal springs, &c., 132, 252.
Blocks, on the erratic, of the Jura, 176.
——— on two examples of transported, on the south coast of Finland, 438.
Blood, on the gases contained in the, &c., 431.
Bones, fossil, remarks on the, of Lansan, 225.
Botanical alliances, an attempt to ascertain characters of the, 408.
——— Society, proceedings of the, of Edinburgh, 428.
Boué, Dr A., his remarks on the scenery, antiquities, population, &c. of Turkey, 121, 237.
Boussingault, M., on the effect which the clearing of land has in diminishing the quantity of water in the streams of a district, 85.
Bromhead, Sir E. F., his attempt to ascertain characters of the botanical alliances, 408.

Carex ceporina, Linn., discovery of the, near the summit of Lochna-Gar, 230.
Carpenter, W. B. Esq., on the difference of the laws regulating vital and physical phenomena, 327.

Combinations, chemical, on intermediate, which have not yet been detected by chemists, 228.
Connell, A., Esq., his analysis of Gmelinite or Hydrolite, 360.
Constantinople, storm at, 220.
Crystals, on the production of, of insoluble substances by artificial means, 179.

Dunal, M. F., on the algæ which communicated a red colour to the waters of some salt marshes, 182.

Earths, on the operation of the, in the process of vegetation, 181.
Ehrenberg, discovery of stomachs in the Bacillariæ by, 232.

Forbes, Edward, Esq., notice of his work entitled Malacologia Monensis, 443.
Fournet, M., his opinions regarding the metamorphic changes of rocks, and his observations on the systems of elevation in the country near Arbrestle, 111.
Fucus, on the floating masses of, occurring near the Cape Verde Islands, 231.

Gairdner, Dr M., notice of the death of, 233,
Galbraith, William, Esq., his remarks on the geographical position of some points on the west coast of Scotland, 300.
Gamboge, on the tree which produces the, of commerce, 85.
Gaudin, M., on the production of crystals of insoluble substances by artificial means, 179.
Gas of the Sacred Fires of Bakow, near the Caspian Sea, notice of the, 227.
Glaciers, upon, moraines, and erratic blocks, 344.
Gmelinite or hydrolite, analysis of, 360,
Graham, Dr, his remarks on Dr Wight's paper regarding the tree which produces the gamboge of commerce, 229—his account of new or rare plants which have lately flowered in the neighbourhood of Edinburgh, 191, 420.
Granite, theory of, and the other massive rocks; together with that of crystalline slate, 387.
Gray, Lord, his meteorological table, 404.

Hausmann, Professor, on metallurgical phenomena as illustrative of geology, 65.
Haxthausen, Dr, his remarks on the communication of the poison of hydrophobia or rabies from one human being to another, 433.

Henry, Dr William, biographical memoir of the late, 1.
Hibbert, Dr W., on the Maculla Springs in Arabia, &c., 30.
Hindoo medicine, notice of Professor Royle's essay on the antiquity of, 444.
Hurricanes, on the, and storms of the West Indies and the coast of the United States, 307.
Hydrophobia or rabies, notice of the communication of the poison of, from one human being to another, 433.

Iron, tatalate of, and of manganese, 228.

Jura, on the erratic blocks of the, 172.

Keilhau, Professor B. M., on the theory of granite and the other massive rocks, &c., 387.
Kinfauns meteorological table for 1837, 404.

Lartington Hall Museum of Natural History, notice of the, 224.
Löwe, A., of Vienna, his analysis of basalt and lava, 22.

Maculla hot springs, remarks on the, in Arabia, &c., 30.
Magnus, M. G., on the gases contained in the blood, and on respiration, 431.
Malacologia Monensis, notice of a work entitled, 444.
Mammalia, Fossil, notice of a work on, 442.
Meteor, great, observed at Paris on the 21st September 1837, 221.
Meteorological table, Mr Adie's, 403—Lord Gray's, 404—Mr Allan's, 405—Rev. John Wallace's, 406—Dr Jackson's, 407.
Mummy, notice of a, in a peat moss, 437.

Owen, Professor, notice of his work on Fossil Mammalia, 442.

Patents, list of, granted in Scotland, from 2d October to 20th December 1837, 233, 444.
Philipi, Professor, on the subfossil shells of Pouzzuoli and Ischia, 441.
Phosphorescent tract of sea in the Persian Gulf, 232.
Plague, experiments on the, 232.
Plants, on several new or rare, which have lately flowered in the neighbourhood of Edinburgh, 191, 420.
Plants, Macquart and Hope's experiments on the colour of, 231.

Quadrumana, further discoveries of fossil remains, of, in India, 437.

Redfield, W. C., Esq., his observations on the hurricanes and storms of the West Indies and the United States, 307.

Rocks, on the metamorphic changes of, and observations on the systems of elevation in the country near Arbresle, 111.

——— morphology of, 226.

Royal Society, proceedings of the, of Edinburgh, 195, 423.

Royle, Professor, notice of his work on the antiquity of Hindoo medicine, 444.

Rubies, on artificial, 228.

Russell, J. S. Esq., on the fallacies of the rotatory steam engine, 35.

St Andrew's, meteorological table for, 407.

Salmon, experiments on the development and growth of the fry of the, from the exclusion of their ovum to the age of seven months, 165.

Sang, Edward, Esq., on the rapidity of motion, and on the duration of the stoppages on the Liverpool and Manchester Railway, 384.

Shaw, Mr John, his experiments on the development and growth of the fry of the salmon, from the exclusion of the ovum to the age of seven months, 165.

Soil, on the frozen, of Siberia, 435.

Springs, on the cause of the temperature of hot and thermal, &c. 132, 252.

Steam-engine, on the fallacies of the rotatory, 35.

Temperature, on the increase of, in the interior of the earth, 224.

Turkey, remarks on the scenery, antiquities, population, &c. of Central European, 121.

Volcano, notice of the, of Aconcagua in Chili, 227.

Volcanoes, mud, 226.

Wagner, Dr, his observations on rabies or madness in dogs, oxen, horses, pigs, and sheep, 353.

Wallace, Rev. John, his meteorological table, 406.

Waterfall, notice of the, of Glomach, 437.

Waves, height of, 227.

Wernerian Natural History Society, proceedings of the, 203, 427.

Wight, Dr R., on the tree which produces the gamboge of commerce, 106.

Wilson, Dr, his account of a visit to the falls on the Shirawati River in Canara, 185.

Wollaston Medal, presentation of the, to Professor Owen, 438.